

Full Stack Developer

PROFILE SUMMARY

I am a creative and experienced professional who knows how to use technology to solve problems for businesses. I have a lot of expertise about software engineering and I know how to develop new methods to make things more effective and efficient. I am really good at using my analytical skills to come up with smart IT and business strategies that use the latest technologies to help companies work better and get more done,

Technologies mentioned bellow:

- Angular / ASP.NET / HTML / CSS / JavaScript / Typescript / Cross-browser compatibility SGSS / SASS
- Frameworks: .NET Framework / .NET Core / C# / Node Js / Web API / Entity Framework
- Databases: SQL Server / MySQL / Oracle / MongoDB / RDBMS /
- Tools: Visual Studio / TFS / Git / JIRA / Agile methodologies
- SOLID / DRY / NUnit / MS Test
- Cloud: Azure / AWS
- Open AI / ML / NLP / Microservices

KEY SKILLS

- Lead The Development of Enterprise-Level Software Applications Using .Net Technologies
- Develop And Implement Software Solutions Using Agile Methodologies and Design Patterns
- Collaborate With Cross-Functional Teams to Ensure Project Success
- Participate In Code Reviews and Implement Best Practices for Software Development
- Design And Develop Restful Web Api Services Using C# And Asp.Net Core
- Develop User-Friendly Web Interfaces Using Html, CSS, And JavaScript
- Integrate Third-Party Libraries and Tools to Improve Software Functionality
- Deploy And Maintain Software Applications on Cloud Platforms Such as Azure and Aws
- Monitor Application Performance and Troubleshoot Issues in Production Environments
- Developing Front End Website Architecture.
- Designing User Interactions on Web Pages.
- Developing Back-End Website Applications.
- Creating Servers and Databases for Functionality.
- Ensuring Cross-Platform Optimization for Mobile Phones.
- Ensuring Responsiveness of Applications.
- Working Alongside Graphic Designers for Web Design Features.
- Meeting Both Technical and Consumer Needs.
- Staying Abreast of Developments in Web Applications and Programming Languages.
- Deployed And Maintained Applications on Windows Servers
- Seeing Through a Project from Conception to Finished Product.

Project:

Development Of a Quality Control System for A Manufacturing Automation System

The customer, which is a large manufacturing concern and a leading group of Middle East, wanted to develop a comprehensive Quality Control System that was required to be integrated to their main Industrial Automation Platform. As part of the project the following modules were developed:

- Process Control
- Quality Control
- NCR & CCR Management
- Raw Material Checks
- BI & Analytics based comprehensive dashboards

Tools & Technologies:

- Angular 12 with Material UI
- .Net Core
- MS SQL Server
- DevExpress
- AG Grid
- High Charts

DEVELOPMENT OF A PERFORMANCE MANAGEMENT SYSTEM

The customer wanted to develop a feature rich Performance Management System to work by integrating to their other applications and provide details on the overall Performance Management. The following features were developed:

- Meeting Definition
- Meeting Matrix
- Score Card
- Meeting Action
- Meeting Saturation
- Progress of the action's completion
- Meeting Evaluation Form Definition
- Meeting level Evaluation Form Definition
- Get meeting Evaluation from participant
- Audit/Check Dashboard

Tools & Technologies:

- Angular 12 with Material UI
- .Net Core
- MS SQL Server
- DevExpress

- AG Grid
- High-Charts

Development Of a Loss Analysis System

The customer wanted to develop a feature rich Loss Analysis platform to work by integrating to their inhouse developed ERP System. The objective of the system is to generate detailed analysis on the Losses during the manufacturing processes. The following features were developed:

- Cost Elements
- Cost Dictionary
- Financial Gap Analysis
- TDC Analysis

TOOLS & Technologies

- Angular 12 with Material UI
- Node.js
- MS SQL Server
- DevExpress
- AG Grid
- High-Charts

Development Of a State-Of-The-Art Workflow Engine

The customer wanted to develop a state-of-art workflow engine that should be able to integrate to their multiple in-house applications and also provide the facility to seamlessly work with any other application like a standard workflow product. The following features were developed:

- It facilitates System administrator to schedule tasks, automatically trigger them to flow one step to another in a linear phase until it reaches the final stage.
- It Streamline any process that needs authorization by another person.
- It Make sure employees only see what they're supposed to. Control who can edit, read and execute.
- The intuitive visual designer and simple drag-and-drop form builder make setting up enterprise workflows.

TOOLS & Technologies

- Angular 12 with Material UI
- .Net Core
- MS SQL Server
- DevExpress

Development Of a Tobacco Leaf Procurement & Processing System

The customer wanted to completely automate their processes of Tobacco Bales purchasing and further Green Leaf Threshing processes. The following modules were developed as part of the system:

- Procurement Module
- Warehouse Management Module
- Green Leaf Processing Module
- Payments Module
- Day Open & Close
- User Management
- Analytics & Reports

TOOLS & Technologies

- Angular 12 / .Net Core / MS SQL Server / DevExpress

Chatbot for MI

I have developed a sophisticated chatbot tailored for the manufacturing industry utilizing Azure Open AI. The chatbot's core capabilities are powered by a custom language model (Currie) based on GPT-3.5, trained to meet the specific needs of this domain. Additionally, to enhance its text comprehension and generation, the chatbot leverages the capabilities of the Text-DaVinci-002 engine.

Non-Profit Organization

I have successfully built a Chatbot utilizing the wit.ai, meticulously calibrated to proficiently address visitor inquiries concerning the Sundas Foundation non-profit organization.

Text to speech Project for Manufacturing industry

Manufacturing industry ERP, I have developed an innovative module focused on generating voice reports. Leveraging cutting-edge text-to-speech techniques, this module utilizes both frontend and backend libraries to facilitate seamless voice-based reporting capabilities. By integrating advanced text-to-speech functionalities, users can efficiently obtain pertinent information through auditory output, enhancing the overall user experience and accessibility of essential manufacturing insights

KPI Based Industrial Platform

KPI is used to measure factors of Plant, System used to highlight the areas of activity that contribute to the profitability and those that do not on the plant. KPIs can help the management identify the areas that should be further assessed for improvement options. The system should show Vision(default), Strategic KPI (default), and KPI structure(default) to them. New customers only can add, edit or modify the structure. The system also offers various functionalities and also provides comprehensive User & Access Management. The system has been developed using Angular at the front end whereas Node JS has been used at the backend. MS SQL Server has been used as the main Database.

Ezy Articles

This platform for readers to access newspapers, articles, and more. It is Facilitating and making resources of knowledge available to everyone through a simple approach and encouraging end-users to search for their interested topics and contents. The system is integrated with a content management system to upload content, images, Articles, and many more. The system provides the facility for subscribing to various packages and also integrated with Stripe to provides an online payment facility.

Rebranding of Web-Application

The customer wanted to completely rebrand their existing plant automation application. For this, they had hired a separate company that produced the front-end HTML-based screens. As part of this project, we developed the new screens in Angular, made them functional, and integrated the backend APIs with the newly developed screens.

CRM

The feature-rich fully automated CRM system which helps keep your customer's contact details up to date, track every interaction they have with your business and manage their accounts. It's designed to help you, improve your customer relationships, and in turn, customer lifetime value. As per the customer requirements, the product was developed in .net core, MS SQL Server, and DevExpress.

- Interactive Dashboard
- Campaign Automation
- Security & Permissions
- Contact Management
- Events
- Advertising
- Email (Integrated with sendgrid.com to send personalized email campaigns including scheduling and automation)
- Mobile (full access to features on mobile devices)
- Automation (automate tasks, communications, emails, announcements, and reminders)

Development Of RW Foundations Portal & Backend CMS

RW Portal has been developed to facilitate deserving people/beneficiaries to get registered with the organization and upload/make a full profile containing various documents and certificates that can prove their eligibility for aid, various calculations and graphical meters awards score to each profile to list them in eligibility order. On the other side donors can also register themselves and search through available registered and qualified beneficiaries, they can select and view them on various the basis of various parameters, like their category i.e, Widows, orphans, disabled etc or on the basis of eligibility score. This app automatically filters and omits profiles if they are already getting assistance/aid. CMS based management facilitates uploading of various information and images/documents. This Portal has been developed using .Net Core with MS SQL Server at the backendb and Reports has been developed using DevExpress.

Online Survey Application

The system was developed to help the marketing department of our client to conduct various surveys using Tablets or other mobile devices. Once the surveys are submitted, the system generates various reports & results as per the customer requirements. There was a backend Portal developed using Angular which was integrated into this system from where the customer was getting reports, The system was developed using Firebase as the cloud-based database platform.

Email Module Management System

As per customer's requirements, they wanted to develop a state-of-the-art Email & Notification Management System. The system was required to be integrated to their already developed School Management Platform. The system was required to provide full feature email modules including inbox, outbox, drafts, trash and sent emails etc. The system was required to offer the feature for creating email groups that can be based on various classes or admin groups and to send bulk emails as well. The system also sends SMS notifications. the system has been developed using .Net Core and MS SQL Server as the main database. The developer worked as a front-end developer in this project

Sundas Foundation- WEBSITE & CMS DEVELOPMENT

The customer wanted to develop their new website from scratch. They wanted that a feature-rich Content Management System should also be developed which will allow the system admins to upload & update the website content from time to time. The website should offer static as well as dynamic content. They wanted to the system to be integrated with a Payment Gateway so that they can accept online payments. The website was developed using .Net Core and MS SQL Server as the database platform. He worked as a full stack developer and lead the project.